

WHAT IS CLAIMED IS:

1. A hot-air heater comprising:
 - (a) an air-blowing passage leading from an inlet to an outlet;
 - (b) an air-blowing fan and an electric heater, which are provided along said air-blowing passage, so that when said air-blowing fan is operated to suck air into said air-blowing passage through said inlet, said air is heated by said electric heater to provide hot air, which is blasted out of said outlet into a room,
wherein an expansion is formed on said air-blowing passage as a storage portion to contain said electric heater.
2. The hot-air heater according to claim 1, wherein the air trunk area decreases smoothly on the downstream side of said expansion.
3. The hot-air heater according to claim 1, wherein a cross-sectional area of the exit and that of the outlet of said expansion are each increased compared to that of the entrance of said expansion.
4. The hot-air heater according to claim 1, wherein said air-blowing passage has a bent portion obtained by bending itself somewhere along it and said air-blowing fan is provided with a moving vane positioned on said bent portion, so that said expansion positioned on the downstream side of said bent portion is provided with said electric heater in such a manner that it intersects with said air-blowing passage, the distance between the inner wall of said expansion positioned on the inner side of said bent portion and said electric heater is increased compared to that between the inner wall of said expansion positioned on the outer side of said bent portion and said electric heater.
5. The hot-air heater according to claim 1, wherein heat insulation means are provided around said expansion of said electric heater.
6. The hot-air heater according to claim 1, wherein said expansion is adapted to have a double structure, which contains airspace.